(19) World Intellectual Property Organization International Bureau

AMPO OMPR

(43) International Publication Date 29 September 2005 (29.09.2005)

PCT

(10) International Publication Number WO 2005/091364 A1

(51) International Patent Classification7:

H01L 23/50

(21) International Application Number:

PCT/KR2005/000786

(22) International Filing Date: 18 March 2005 (18.03.2005)

(25) Filing Language:

Korean

(26) Publication Language:

English

(30) Priority Data: 20-2004-0007768 20 March 2004 (20.03.2004)

(71) Applicant (for all designated States except US): YOUNG HWA TECH CO., LTD. [KR/KR]; 3304 Production Building, Cheonan, Valley, 43-5, Sameun-ri, Jicksan-eup, Cheonan-city, Chungnam 330-816 (KR).

(72) Inventor; and

(75) Inventor/Applicant (for US only): EOM, Junhyoung [KR/KR]; 102-103 Taeyoungwallbong Apt., 57/5, 1538, Ssangyong-dong, Cheonan-city, Chungnam 330-090 (KR).

(74) Agent: HWANG, Ilseok; 8 Floor, Yeongsaeng Building, 1692-5, Seocho-dong, Seocho-gu, Seoul 137-882 (KR).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

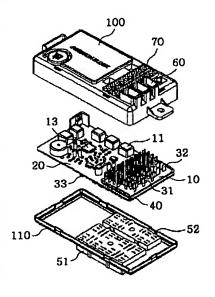
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: INTEGRATED ELECTRONIC MODULE STRUCTURE FOR VEHICLES



(57) Abstract: Disclosed is an integrated electronic module structure for vehicles that is constructed as an integrated unit using one multi-pole connector for one wire harness. The integrated module structure includes a first printed circuit board (PCB) having fuses, relay circuits, etc., mounted thereon, a second PCB having input/output (I/O) terminals, and a PCB connecting unit for electrically connecting the first and second PCBs. The first and second PCBs are connected through the connector to form the integrated electronic module structure.

WO 2005/091364 A1